

CURRICULUM VITAE

PERSONAL DATA

Name	ABM Sharif Hossain
Nationality	Bangladesh
Position	Associate Professor
E-Mail	ashossain@imamu.edu.sa
Phone	0566276820

EDUCATION

Year	Academic Degree	Institution
2006	PhD in Plant Physiology and Biotechnology	Ehime University, Japan
2003	MS in Plant Physiology and Biotechnology	Ehime University, Japan
1996	BSc Ag (Agro-Biological Science)	Bangladesh Agricultural University

WORK EXPERIENCE

Period	Position	Address
2022-Present	Associate Profesosr	Department of Biology, College of Science, Imam Mohammad Ibn Soud Islamic University, Riyadh, KSA
2011-2019	Associate Profesosr	Department of Biology, Faculty of Science, University of Hail, Hail, KSA.
2008-2011	Associate Professor	Biotechnology Program, Institute of Biological Science, Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia.
2006-2008	Senior Lecturer	Biotechnology Program, Institute of Biological Science, Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia.
2002-2006	Teaching Assistant	Biological Production Science, Graduate School of Agricultural Science, Ehime University, Matsuyama, Japan.

RESEARCH INTERESTS

Plant Physiology (Nanonutrition and hormone application in plant growth), Plant and Industrial Biotechnology (Cell and Tissue culture, Genetic Engineering, sustainable development and recycling process, nanocellulose and nanostarch biomaterials as natural products).

PUBLICATIONS

Patent:

Hossain ABMS, MS. Aleissa, HA. Alrudayni, N.M.A. Alotaibi and MI. Alghonaim. 2023. Nanocellulose based nano-bioglove biomaterial production using waste date palm trunk xylem fiber: An innovation. Deanship of Innovation and Research, IMSIU, (Submitted).

Hossain ABMS, MS. Aleissa, HA. Alrudayni SAS. Alyami, MM. Zharany and NA. Ibrahim. 2023. X-ray nanobiofilm production using palm fruit mesocarp nano-lignocellulose biomass as an innovation. Deanship of Innovation and Research, IMSIU, (Submitted).

Articles:

Hossain ABMS. 2023. Influence of Naphthalene Acetic Acid on the Fruit Growth, Chlorophyll, pH and Total Soluble Solid Content in Rose Apple. International Journal of Life Science and Agriculture Research. 2:1-8. doi.org/10.55677/ijlsar/V02I01Y2023-01. Google Scholar.

Hossain ABMS. 2023. Reducing Sugar Estimation and Bioethanol Production from Banana, Pineapple and Mango Fruit Wastes. International Journal of BiotechnTrends and Technology. 13 (1): 1-6. https://doi.org/10.14445/22490183/IJBTT-V13I1P601. Google Scholar.

Hossain ABMS. 2023. Healthy okra growth, pigments, vitamin C and mineral content as affected by plant growth regulators: A diabetic food. Scientific REsearch Journal of Medical Sciences. 3 (1): 5-11. SCOPUS

Hossain ABMS, AM Alsaif, HA Rudayni A. Al-Hashimi, MS Aleissa, RM Taha. 2023. Carbohydrate, flavonoid, anthocyanin, total phenol, chlorophyll and mineral (K⁺) content development of wax apple fruit as affected by CPPU and NAA using swabbing technology (Accepted). Revista Brasileira de Fruticultura. ISI WOS.Q2. IF 1.5

Hossain A.B.M.S., Mekhled MM, and Rosna M Taha. 2022. Biochemical Content, Vitamin and Minerals Development in Okra Using Plant Growth Regulators. Journal of Applied Sciences. 22 (5): 256-261. SCOPUS.

Imteaz M, Hossain ABMS and A Ahsan. 2022. Mathematical modelling of bioethanol fuel production from rambutan fruit waste. Waste and Resources Management ICE. https://doi.org/10.1680/jwarm.21.00041, IF: 0.48 ISI, SCOPUS. Q4.

M Imteaz, Hossain A.B.M.S, and B Maryam. 2022. A Mathematical modelling framework for quantifying production of biofuel from waste banana. Environment, Development and Sustainability 1-13. DOI: 10.1007/s10668-021-01517-7. ISI, SCOPUS, Impact Factor: 2.2 (Q1).

Hossain ABMS., MM Mekhled and RM. Taha. 2021. Seedless okra production by indole 3-acetic acid on flower bud, ovary and shoot xylem and its vitamin and mineral content development: An Innovation. Scientia Horticulturae, 283: 1100-1110. ISI, SCOPUS Impact factor: 4.34 (Q1).

Book:

Hossain ABMS. 2023. Plant Nutritional Physiology and Biotechnology Research. Lambert Academic publishing, Germany. ISSN: 13-9786206143079.

Hossain ABMS. 2022. Organic Food Production: Nutrition and Health Benefits. LAP Lambert Academic publishing Co. Paperback, Germany ISBN: 978-6204738536, pp180.